

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) A method for administrating information in an interactive communication system comprising:

receiving a request for information, wherein the information is a broadcast program and
wherein the request for information comprises at least one selected from the
group consisting of a request from a user and a request resulting from execution
of a program;

determining whether the information is available in a cache memory by performing a search using an identifier of the information, wherein the identifier is a digital signature made from at least one portion of the information;

if the information is available in the cache memory:

determining whether a duration of validity associated with the information is expired, wherein the duration of validity is a period of time during which the information is valid, and wherein the duration of validity is determined based on a date and a time that the broadcast program airs on a
broadcast medium, wherein the duration of validity expires after the airing
of the broadcast program a type of the information;

loading the information from the cache memory into a buffer memory, if the duration of validity associated with the information is not expired;

downloading updated information from a broadcast source, affixing at least one portion of the updated information with a duration of validity, and storing the updated information in the cache memory and the buffer memory, if the duration of validity associated with the information is expired;

if the information is not available in the cache memory:

downloading the updated information from the broadcast source;
affixing at least one portion of the updated information with the duration of validity, wherein the duration of validity is determined based on a content of the updated information; and

storing the updated information in the cache memory and the buffer memory, wherein a new identifier is affixed to the updated information when it is

stored in the cache memory, and wherein the identifier associated with the updated information is a digital signature made using at least one portion of the content of the updated information.

2. – 5. (Canceled)

6. (Previously Presented) The method according to claim 1, wherein an arbitrary, predetermined duration of validity is affixed to the updated information.

7. – 8. (Canceled)

9. (Previously Presented) The method according to claim 1, for the administration of data information associated with program information, a first identifier is affixed to a data information, wherein the first identifier depends from a second identifier that is affixed to associated program information.

10. (Previously Presented) The method according to the claim 1, wherein the updated information is stored in the cache memory and the buffer memory in the form of one selected from the group consisting of tables and Motion Picture Expert Group (MPEG) sections.

11. (Currently Amended) A device for interactive communication comprising:

a processing unit for processing information,

a system for downloading updated information from a broadcast source in response to a command from the processing unit, wherein the updated information is a broadcast program and wherein the system comprises a cache memory and a buffer memory for receiving the downloaded updated information, wherein the updated information is affixed with a duration of validity and stored in the cache memory and the buffer memory, wherein the duration of validity is determined based on a content of the updated information, wherein a new identifier is affixed to the updated information when it is stored in the cache memory, and wherein the identifier associated with the updated information is a digital signature made using at least one portion of the content of the updated information,

wherein the duration of validity is a period of time during which the information is valid, and wherein the duration of validity is determined based on a date and a time that

the broadcast program airs on a broadcast medium, wherein the duration of validity expires after the airing of the broadcast program a type of the updated information; and

a system for administrating the cache memory configured to load, in response to the command from the processing unit, information from the cache memory, wherein the information is located by performing a search using an identifier of the information, wherein the identifier is a digital signature made from at least one portion of the information, when the information is present in the cache memory and the duration of validity is not expired.